Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 15 Mar 2023 until 23:59 on Thursday 16 Mar 2023

Forecast Issued on Tuesday 14 Mar 2023 at 12:00

Confidence: High for the cold start, then milder and unsettled from later Wednesday, but lowering confidence for the detail of cloud, regime transitions and snow levels.

Headline for Wednesday 15 Mar 2023: Dry bright start, then snow developing from afternoon, erratically turning to rain during evening, as southerly winds strengthen.

Mountain weather hazards on Wednesday 15 Mar 2023

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny intervals	Cloudy	Light snow	Heavy snow	Heavy snow	Sleet
Precipitation probability							
00%	00%	<05%	10%	30%	70%	90%	90%

Forecast for Wednesday 15 Mar 2023

Weather: : Largely dry with clear then bright spells overnight and early morning. Cloud gradually thickening and lowering from the west to bring patchy snow from mid-day, which becomes heavier from mid-afternoon, while also erratically turning to rain in the evening.

Chance of cloud-free hill tops above 600m: 90% plus becoming 60% early afternoon, 10-20% from late afternoon.

Low Cloud and visibility: Good or very good becoming moderate or poor in later rain, very poor in snow and within cloud, with bases lowering 500m infrequently for morning, occasionally for afternoon, then widespread for the evening.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Wednesday 15 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 S	6/9 SW	8/11 SW	9/14 S	13/18 S	13/20 S	18/26 SE	20/31 SE	20/31 S
300	4/7 N	2/6 SW	2/7 SW	4/9 S	8/15 S	10/19 S	10/23 SE	12/26 SE	11/26 S
Valley	3/5 E	3/5 NE	3/5 SE	2/6 S	7/15 S	9/18 S	9/21 SE	12/28 SE	13/29 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-7	-3/-6	-3/-8	-2/-6	0/-5	0/-5	-0/-7	0/-6	2/-4
300	-4/-6	-5/-7	-5/-7	0/-2	3/-1	2/-2	1/-4	2/-2	4/-0
Valley	-2/-4	-3/-5	-2/-4	1/-0	4/2	4/0	3/-1	4/0	6/2
Freezing Level*	00m	00m	00m	100m	300m	400m	400m	1300m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Icy early. Hill fog becoming quite extensive late in the day. Chance of blizzards at height later in the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 14 Mar 2023	16.8mm	36.6mm	46.8mm

Forecast for Thursday 16 Mar 2023

Weather: Overcast with periods of rain at first, turning heavy at times, this combined with strong winds brings some difficult conditions. Improving for the afternoon and evening with a mix of showers and cloud breaks spreading from the west.

Maximum wind: South to southwest mean 25-30 mph with gusts reaching 45 mph at times across most exposed ridges and summits. Winds easing a little from the afternoon.

Chance of cloud-free hill tops above 600m: Nil becoming 60-70% for the afternoon

Low Cloud and visibility: Good or very good becoming moderate or poor in rain, very poor within cloud, with bases extensive from 500m at first, occasionally so in the showery flow from afternoon.

Temperature: **Valleys:** Plus 2 Celsius increasing 13 Celsius during the afternoon
At 600m: Plus 6 Celsius
Freezing level: Above all peaks

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